**Biochemistry Unit Macromolecules Quiz Topics**

* given a diagram, identify the name of the functional group and what type (or subtype ex. diassacharide, phospholipid, steroid, etc. ) of macromolecule it is found in
* given a diagram, identify the type (or subtype) of the macromolecule
* given a diagram, identify where the dehydration reaction occurs and the name of the bond formed for each macromolecule
* given a diagram of an amino acid, determine whether it is non-polar, polar, acidic, or basic
* general functions of macromolecules: carbohydrates, lipids, proteins, and nucleic acids
* carbohydrates: monosaccharides, disaccharides (what they are made of), polysaccharides (types and differences among them)
* lipids: types of lipids and their functions, differences between saturated and unsaturated fats
* proteins: describe the 4 levels of folding with the types of interaction involved
* nucleic acids: differences between DNA and RNA, types of purines and pyrimidines, their structural differences and complementary base pairs
* name the reagents/tests for the presence of specific macromolecules